



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H141042

Mode: Highway

Status: Submitted

NC-126

From/Cross Street: Watermill Rd

Specific Improvement Type: 1 - Widen Existing Roadway

To: Independence Blvd

Project Category: Regional Impact

Length: 3.3

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$13,171,000

Description:

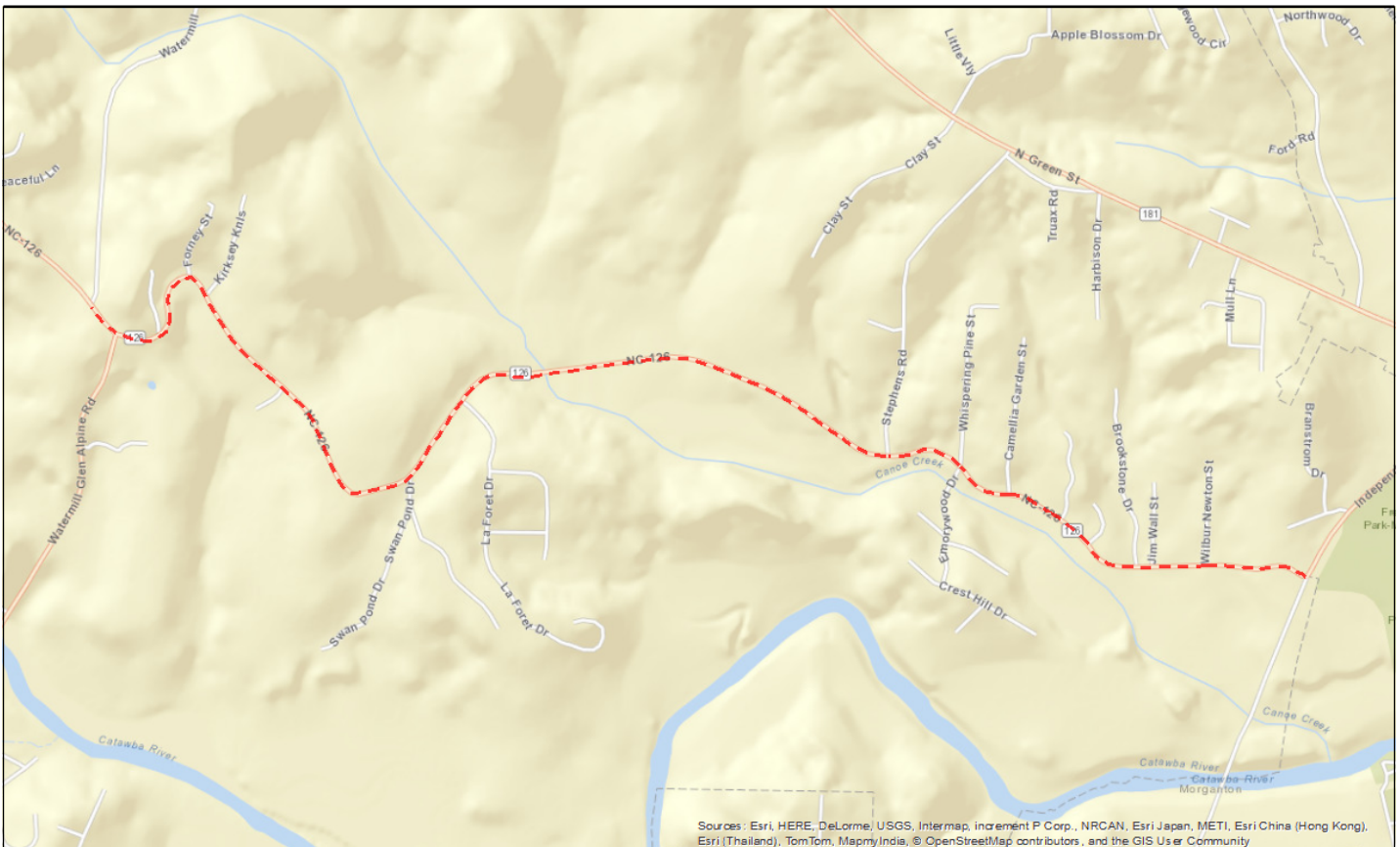
Construct Wide Outside Shoulders to Support Bicycles and improve safety. 3.2 miles from Watermill Road to Independence Blvd.

Division(s): Division 13

County(s): BURKE

MPOS(s)/RPO(s): Greater Hickory MPO, Unifour RPO

Project Location



Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 23.48

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 8.16	Percent: 15%	Percent: 15%
Safety (10%) 63.97	Points: 0	Points: 99
[Travel Time] Benefit/Cost (25%) 0.00		
Accessibility / Connectivity (10%) 1.92		
Totals: Weight: 70% Weighted Score: 8.63		

Division Needs Total Score: 8.03

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 8.16	Percent: 25%	Percent: 25%
Safety (10%) 63.97	Points: 0	Points: 0
[Travel Time] Benefit/Cost (20%) 0.00		
Totals: Weight: 50% Weighted Score: 8.03		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	3.3
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
Lane Width:	10
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	1921.54
Capacity:	15595.37
Volume/Capacity Ratio:	0.12
% Autos:	92%
% Trucks:	8%
Truck Volume:	161.47
Crash Density:	84.8
Crash Severity:	22.32
Critical Crash Rate:	84.8
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	20
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	84
Actual Congested Speed:	0
Travel Time Index:	

Project Benefits

Project Cross-Section:	3A - 2 Lane with Two Way Left Turn Lane, and Paved Shoulders
Speed Limit:	55
Length (miles):	3.3
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	0
Travel Time Savings for 30 Years (Total):	-9006.14
Travel Time Savings for 30 Years (Autos):	-8249.34
Travel Time Savings for 30 Years (Trucks):	-756.8
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Greater Hickory MPO

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 13	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Greater Hickory MPO	99%	99	0
Unifour RPO	1%	0	0
	0%	0	0
TOTAL MPO/RPO Points		99	0

Project Cost and Source

Construction Cost:	\$11,276,000	Cost Estimation Tool
Right-of-Way Cost:	\$1,692,000	Cost Estimation Tool
Utilities Cost:	\$203,000	Cost Estimation Tool
Total Project Cost:	\$13,171,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$13,171,000	